

REMARKS

Claims 1-5, 7-10, 12-16, and 18-27 remain in the application for consideration of the Examiner.

Reconsideration and withdrawal of the outstanding objections and rejections are respectfully requested in light of the above amendments and following remarks.

The drawings were objected to under 37 CFR 1.83(a).

This rejection is traversed in part.

The Examiner requested that the delay element must be shown or canceled from the claims.

The Examiner's attention is directed to the cancellation of Claims 6, 11, and 17.

The cancellation obviates the objection.

The Examiner alleges that Figures 1 and 3 should be designated by a legend such as "Prior Art".

By the instant amendment, a proposed drawing correction has been submitted for Figure 1.

However, with respect to Figure 3 Applicants traverse the requirement of the Examiner.

Figure 3 is not described as part of the prior art and is a consequence the labeling as prior art is inappropriate. In fact, page 8, lines 7-8 state that Figure 3 is in accordance with the present invention.

It is respectfully submitted that the drawings are in full compliance with 37 CFR 1.83.

Claims 6, 11, and 17 were rejected under 35 U.S.C. §112, first paragraph.

The cancellation of Claims 6, 11, and 17 obviates the rejection of these claims.

It is respectfully submitted that the instant application is in full compliance with 35 U.S.C. §112, first paragraph.

Claims 6, 11, and 17 were rejected under 35 U.S.C. §112, second paragraph as being indefinite.

It is respectfully submitted that the cancellation of Claims 6, 11, and 17 obviates the rejection.

It is respectfully submitted that the presently claimed invention is in full compliance with 35 U.S.C. §112 and particularly points out and distinctly claims the subject matter which Applicants believe is their invention.

Turning now to the art rejections, Claims 1-27 were rejected under 35 U.S.C. §103 as being obvious over Ebihara in view of Williams.

These rejections are respectfully traversed.

It is respectfully submitted that Ebihara does not disclose or suggest the presently claimed invention including a circuit to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 1, a circuit to generate a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 7, a circuit to create a

magnetic field that opposes eddy currents established in structures adjacent to the coil by the driving current in independent Claim 12, albeit defined as the method step of applying a current to the coil of magnitude and direction to cancel eddy currents in structures adjacent to the coil in independent Claim 18, and defined as activating selected VCM coil driver transistors to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current in independent Claim 23.

The Examiner alleges that Ebihara discloses a circuit to apply a current to the coil to create a magnetic field to oppose eddy currents established in structures adjacent to the coil by the driving current by directing Applicant's attention to column 7, line 14. Notwithstanding the allegations of the Examiner. Ebihara discloses at column 7, line 14 that the stator mode of NiZn based ferrite prevents the eddy current from flowing.

There is no mention in Ebihara that the eddy current is eliminated by a current.

Consequently, it is not seen how Ebihara discloses the presently claimed invention.

Whether or not Williams discloses BEMF, fly-back current, transistors, or a delay element is of no matter since the result in construction would still in no way disclose or suggest the presently claimed invention.

It is respectfully submitted that the presently claimed invention is patentably distinct over the applied references.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is

respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE."

To the extent necessary, Applicant petitions for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'W. Daniel Swayze, Jr.', with a large checkmark-like flourish at the end.

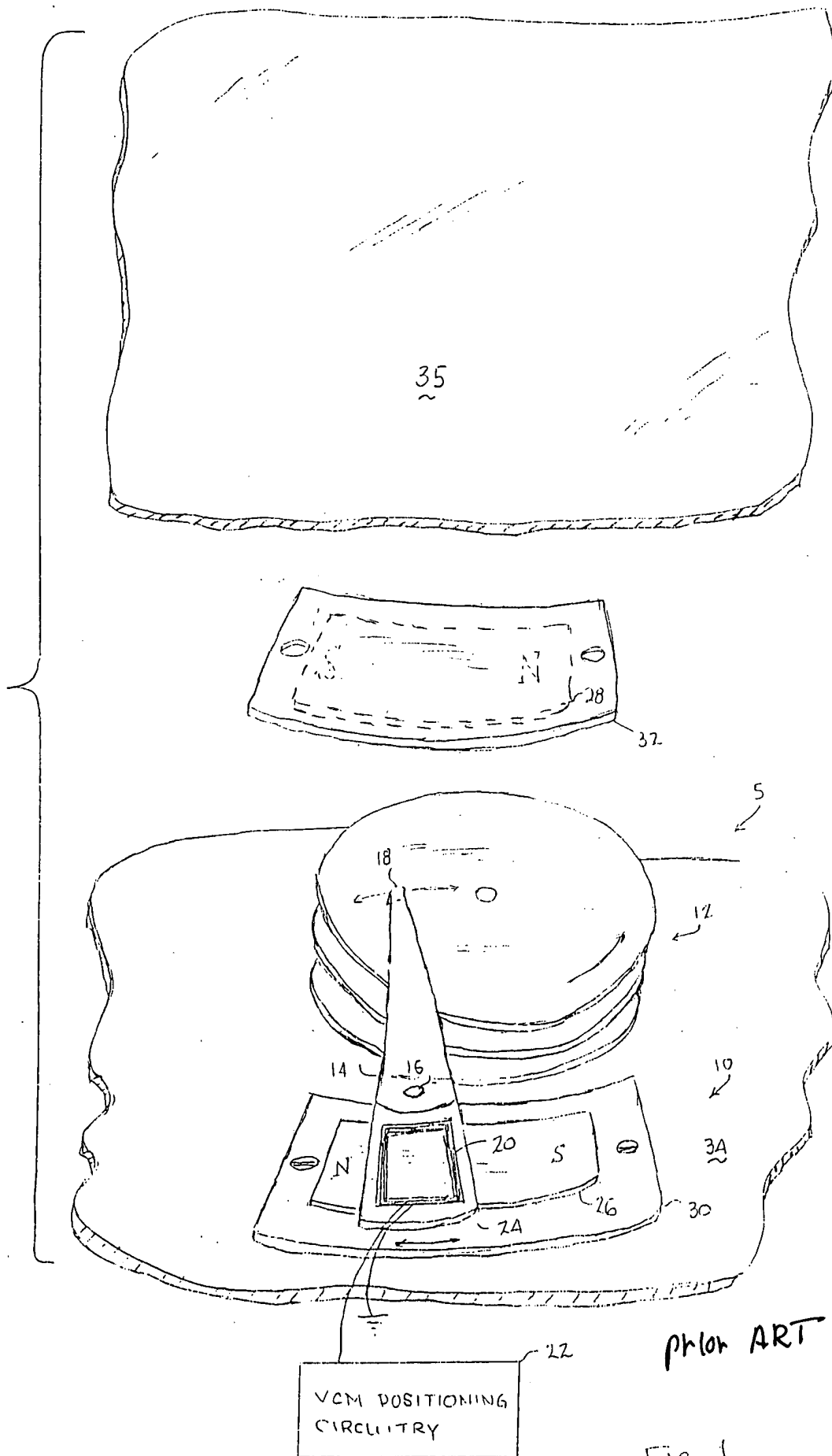
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

Claims 6, 11, and 17 have been canceled.



approved
 SMC
 2/15/03

Fig. 1